## PATENT ABSTRACTS OF JAPAN

(11)Publication number:

05-069182

(43)Date of publication of application: 23.03.1993

(51)Int.Ci.

B23K 35/22 HO5K 3/34 // B23K101:42

(21)Application number : 03-217477

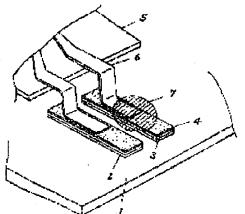
(71)Applicant: MATSUSHITA ELECTRIC IND CO LTD

(22)Date of filing: 28.08.1991 (72)Inventor: NISHIDA KAZUTO

## (54) METHOD FOR SOLDERING ELECTRONIC PARTS

(57)Abstract:

PURPOSE: To provide the method for soldering an electronic parts so that a high quality soldering can be executed in a short time. CONSTITUTION: The soldering is executed by re-flowing a creamsolder at a electrode 2 of a circuit base plate 1, or forming a soldering layer 3 by electrolytic solder-plating, etc., coating or printing a black paint 4 or a flux mixed with this black paint 4 at the upper of them, mounting the electrode 6 of the electronic part 5 at the upper of them, irradiating a laser light or laser beam at the part 7 of the surface of the above soldering layer 3 and melting the soldering layer 3.



## **LEGAL STATUS**

[Date of request for examination]

22.06.1998

[Date of sending the examiner's decision of

01.10.2002

rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]